

## **Exhibit IV: 510(k) Summary**

K093453

Schick Computed Oral Radiology System

NOV 30 2009

Common/Classification Name: Solid State X-ray Imager  
21 CFR892.1650

Schick Technologies, Inc.

30-30 47<sup>th</sup> Avenue

Long Island City, NY 11101

718-937-5765, 718-937-5962 (FAX)

Contact: Howard Fidel, Prepared: November 20, 2009

### **A. Legally Marketed Predicate Devices**

The Computed Oral Radiology System was most recently cleared on November 2, 2007 under K072134. Other prior clearances include K041385, K022953 and K933455. The device and its predicates are small digital imaging receptors that may be used in place of dental x-ray film.

### **B. Modification Description**

A new scintillation material differs from the predicate in that it affords higher resolution and lower noise. Direct triggering via an x-ray tube continues to be supported as was cleared in K072134 and K041385. The modification offers an improvement in image quality.

The modification in no way alters the fundamental technology nor intended use.

### **C. Intended Use**

The Computed Oral Radiology System is intended for intra-oral x-ray examinations and indicated for dental patients. It produces instant, digital, intra-oral x-ray images of a patient's mouth while reducing the necessary x-ray dosage. This device modification in no way alters the indications for use of this machine beyond what was most recently cleared in K072134.

### **D. Substantial Equivalence Summary**

A risk analysis established the areas of concern. The principal risk is unintended x-ray exposure. These areas have been evaluated following imaging, software validation, and third-party safety testing. All validation activities have demonstrated that the predetermined acceptance criteria were met. Where appropriate, warnings have been incorporated within the user manual.

## **E. Conclusions**

Schick Technologies has demonstrated through a risk analysis and validation studies that the device modification is substantially equivalent to the already cleared and marketed device.

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DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration  
10903 New Hampshire Avenue  
Document Control Room – WO66-G609  
Silver Spring, MD 20993-0002

Howard Fidel, MS  
Project Manager  
Schick Technologies, Inc.  
30-30 47<sup>th</sup> Avenue  
LONG ISLAND CITY NY 11101

AUG 23 2013

Re: K093453

Trade/Device Name: Computed Oral Radiology System  
Regulation Number: 21 CFR 892.1810  
Regulation Name: Intraoral source x-ray system  
Regulatory Class: II  
Product Code: EAP and MQB  
Dated: November 3, 2009  
Received: November 5, 2009

Dear Mr. Fidel:

This letter corrects our substantially equivalent letter of November 30, 2009.

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into class II (Special Controls), it may be subject to such additional controls. Existing major regulations affecting your device can be found in Title 21, Code of Federal Regulations (CFR), Parts 800 to 895. In addition, FDA may publish further announcements concerning your device in the Federal Register.

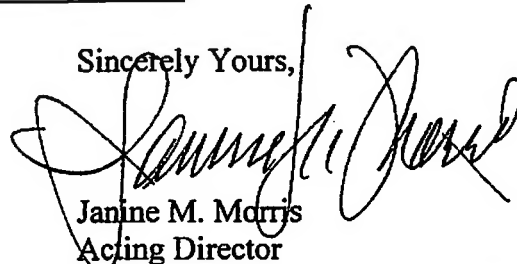
Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Parts 801 and 809); medical device reporting (reporting of

medical device-related adverse events) (21 CFR 803); and good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820). This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Parts 801 and 809), please contact the Office of *In Vitro* Diagnostic Device Evaluation and Safety at (301) 796-5450. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm> for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address <http://www.fda.gov/cdrh/industry/support/index.html>.

Sincerely Yours,

A handwritten signature in black ink, appearing to read "Janine M. Morris", is written over the typed name and title.

Janine M. Morris  
Acting Director  
Division of Radiological Devices  
Office of In Vitro Diagnostic Device  
Evaluation and Safety  
Center for Devices and Radiological Health

Enclosure

## Exhibit III: Indications for Use

### Indications for Use Form

510(k) Number: K093453

Device Name: Computed Oral Radiography System

Indications for Use:

The Computed Oral Radiography System is indicated for patients undergoing an intra-oral dental X-ray examination. It produces instant digital intra-oral X-ray images of a patient's mouth.

Prescription Use   x    
(Part 21 CFR 801 Subpart D)

AND/OR

Over-The-Counter Use             
(21 CFR 801 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

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Concurrence of CDRH, Office of Device Evaluation (ODE)

  
Division Sign-Off  
Office of In Vitro Diagnostic Device  
Evaluation and Safety

510(k)   K093453